

BACA-AMP-196

✓ ACTIVE

MATE-N-LOK | Micro MATE-N-LOK

TE Internal #: 1445049-2

Housing, Plug, Crimp, Wire-to-Wire, UL 94V-0, 2 Position, 3 mm [.118 in] Centerline, Micro MATE-N-LOK, Rectangular Wire & Cable Connectors & Housings

[View on TE.com >](#)



Connectors > Rectangular Connectors > Standard Rectangular Connectors



Connector Product Type: **Housing**
Connector & Housing Type: **Plug**
Mating Alignment: **With**
Mating Alignment Type: **Polarization**
Mating Retention: **With**

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	2
Number of Rows	1

Electrical Characteristics

Operating Voltage	250 VAC
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Body Features

Primary Product Color	Black
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Contact Features

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Multiple Contact Types	Without
Contact Layout	Inline
Contact Type	Pin
Contact Retention Within Housing	Without

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Strain Relief	Without
Mating Alignment	With
Mating Alignment Type	Polarization
Mating Retention	With
Mating Retention Type	Locking Tab
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Housing Material	Nylon 66/6
Centerline (Pitch)	3 mm[.118 in]

Dimensions

Compatible Insulation Diameter (Max)	1.52 mm
Connector Width	3.86 mm
Connector Height	16.89 mm
Connector Length	6.85 mm

Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Industry Standards

Compatible With Agency/Standards Products	CNR, USR
UL Rating	Recognized
Compatible With Approved Standards Products	UL E28476, VDE 40005280
CSA Rating	Certified, LR 7189
Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0



Packaging Features

Packaging Quantity	1000
Packaging Method	Tray

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 2029047-2
2P MICRO MNL RCPT HSG SR SIDE



TE Part # 2008571-2
2 POS MICRO MNL, TOP LATCH, BL



TE Part # 1445022-2
MICRO MNL RECEPT HSG SINGLE R



TE Part # 2315752-2
2P, MICRO MNL RCPT HSG SINGLE ROW, V0 GW





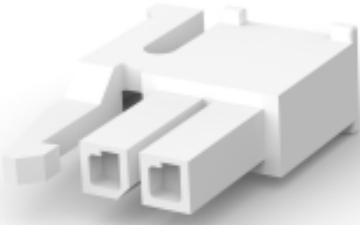
TE Part # 1-2008571-2
2 POS MICRO MNL, TOP LATCH, NA



TE Part # 2008570-2
2 POS MICRO MNL, SIDE LATCH, B



TE Part # 1-2008570-2
2 POS MICRO MNL, SIDE LATCH, N

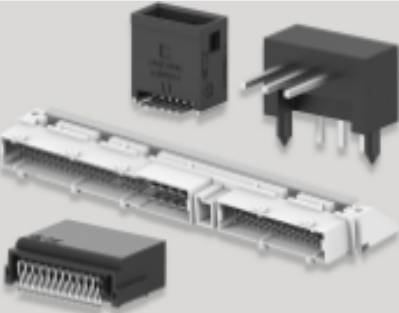


TE Part # 2029102-2
2P MICRO MNL RCPT SR SIDE WHT

Also in the Series | Micro MATE-N-LOK



Connector Contacts(27)



PCB Headers & Receptacles(371)



Power Contacts(27)



Rectangular Connector Housings(98)



Rectangular Power Connectors(469)



Standard Rectangular Connectors(98)



Wire-to-Board Headers & Receptacles (371)

Customers Also Bought



TE Part #1-794609-0
PIN CONT 26-30 TIN PLATE STRIP



TE Part #60433-2
RING CRIMP 18-14 AWG TPBR



TE Part #42111-2
RING TONGUE TERMINAL 18-14 AWG TPBR



TE Part #2213678-5
Z35 MINI LED HOLDER 13.5*13.5MM PANHEAD



TE Part #794610-1
MICRO MNL RPT CNT,LS PC,TIN



TE Part #1-794608-2
PIN CONT 20-24 30 GOLD STRIP



TE Part #1-794612-1
PIN CONT 20-24 15 GOLD L/P



TE Part #1-794608-1
PIN CONT 20-24 15 GOLD STRIP



Documents

Product Drawings

FREE HANG SNGL ROW HSG 2 POS

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1445049-2_B1.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1445049-2_B1.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1445049-2_B1.3d_stp.zip

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

SOFT_SHELL_PIN_AND_SOCKET_CONNECTORS_CATALOG

English

MICRO MATE-N-LOK CONNECTOR SYSTEM

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English